

**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF
ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS**

Millennium Pharmaceuticals, Inc. hereby revokes all previous powers of attorney given in the following patents and patent applications.

Millennium Pharmaceuticals, Inc. hereby appoints the practitioners at the law firm of Banner & Witcoff, LTD. associated with Customer Number **22907** in the following patents and applications.

Please change the correspondence address for each of the following applications and patents to the address associated with Customer Number **22907**.

Millennium Pharmaceuticals, Inc. is the owner of the complete interest in each of the following patents and patent applications by assignments recorded in the USPTO at the Reel and Frame numbers indicated.

| Patent No. | Publication No. | App. No. | Title | Reel/Frame |
|-------------------|------------------------|-----------------|---|-----------------------------|
| 6436672 | | 09/473716 | POLYNUCLEOTIDES ENCODING A TYPE V ADENYLYL CYCLASE | 010978/0004; 012977/0516 |
| 6767730 | | 10/175158 | HUMAN TYPE V ADENYLYL CYCLASE | 010978/0004; 012977/0516 |
| 6864081 | | 10/201000 | CLONING AND CHARACTERIZATION OF A HUMAN ADENYLYL CYCLASE | 010964/0670; 012977/0516 |
| | 20050148051 | 10/991327 | CLONING AND CHARACTERIZATION OF A HUMAN ADENYLYL CYCLASE | 010964/0670; 012977/0516 |
| 6258582 | | 09/164193 | NOVEL CSAPTP NUCLEIC ACID MOLECULES AND USES THEREFOR | 009768/0145 |
| 6436685 | | 09/221448 | CSAPTP PROTEIN MOLECULES AND USES THEREFOR | 009909/0257 |
| | 20060002919 | 11/151482 | 15625 RECEPTOR, A NOVEL G- PROTEIN COUPLED RECEPTOR | 012704/0342 |

| | | | | |
|---------|-------------|-----------|---|-----------------------------|
| 6268135 | | 09/163833 | NOVEL PHOSPHOLIPASE MOLECULE AND USES THEREFOR | 009688/0973 |
| | | 09/587111 | NOVEL MEMBERS OF THE CAPSAICIN/VANILLOID RECEPTOR FAMILY OF PROTEINS AND USES THEREOF | 010394/0050 |
| | 20050158827 | 11/013090 | NOVEL MEMBERS OF THE CAPSAICIN/VANILLOID RECEPTOR FAMILY OF PROTEINS AND USES THEREOF | 010394/0050 |
| 6670149 | | 09/431367 | TWIK-5 POTASSIUM CHANNEL NUCLEIC ACIDS AND USES THEREOF | 010363/0220 |
| 6664373 | | 09/561763 | NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR (TWIK-5) | 011438/0336 |
| | 20040063179 | 10/701013 | NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR | 011438/0336 |
| 6451994 | | 09/406045 | 23413, A NOVEL HUMAN UBIQUITIN PROTEASE | 010478/0685 |
| 6329171 | | 09/408865 | 23484, A NOVEL HUMAN UBIQUITIN PROTEASE | 010522/0107 |
| 6146876 | | 09/330970 | 22025, A NOVEL HUMAN CYCLIC NUCLEOTIDE PHOSPHODIESTERASE | 010265/0080 |
| 6362324 | | 09/345650 | 17867, A NOVEL HUMAN AMINOPEPTIDASE | 010282/0592 |
| 7034111 | | 10/039073 | 17867, A NOVEL HUMAN AMINOPEPTIDASE | 010282/0592 |
| | 20060105386 | 11/333838 | 17867, A NOVEL HUMAN AMINOPEPTIDASE | 010282/0592 |
| 6369210 | | 09/345469 | 22012, A NOVEL HUMAN CARBOXYPEPTIDASE | 010292/0457 |
| 6403358 | | 09/412210 | 21529, A NOVEL ADENYLATE CYCLASE | 010521/0592 |
| 6607892 | | 10/121911 | 21529, A NOVEL ADENYLATE CYCLASE | 010521/0592 |
| 6444802 | | 09/409180 | HUMAN AMINOPEPTIDASE | 010522/0097; 012922/0953 |
| 6383780 | | 09/443795 | 2786, A NOVEL HUMAN AMINOPEPTIDASE | 010716/0339 |

| | | | | |
|---------|-------------|-----------|---|---|
| | 20040231005 | 10/767308 | 2786, A NOVEL HUMAN AMINOPEPTIDASE | 010716/0339 |
| 6337187 | | 09/434613 | 18891, A NOVEL HUMAN LIPASE | 010656/0829 |
| 6797502 | | 09/963908 | 18891, A NOVEL HUMAN LIPASE | 010656/0829 |
| 6864064 | | 10/847165 | 18891, A NOVEL HUMAN LIPASE | 010656/0829 |
| | 20030215898 | 10/458839 | METHOD FOR IDENTIFYING INHIBITORS OF 22045, A HUMAN CYCLIC NUCLEOTIDE PHOSPHODIESTERASE | 010695/0644 |
| 6673564 | | 09/420190 | METHODS FOR USING 22045, A HUMAN CYCLIC NUCLEOTIDE PHOSPHODIESTERASE | 010695/0644 |
| 6864078 | | 09/515806 | 14790, NOVEL PROTEIN KINASE MOLECULE AND USES THEREFOR | 010990/0108; 015573/0238; 017045/0853 |
| | 20040265967 | 10/892276 | 14790, A NOVEL PROTEIN KINASE MOLECULE AND USES THEREFOR | 015585/0228 |
| 6730491 | | 09/797039 | 2504, 15977, AND 14760, NOVEL PROTEIN KINASE FAMILY MEMBERS AND USES THEREFOR | 012430/0626 |
| 6420153 | | 09/704139 | 18232, A NOVEL DUAL SPECIFICITY PHOSPHATASE AND USES THEREFOR | 011854/0010 |
| 6534301 | | 09/800971 | 16835, A NOVEL HUMAN PHOSPHOLIPASE C FAMILY MEMBER AND USES THEREOF | 012081/0744 |
| 6686185 | | 09/723806 | 25934, A NOVEL FATTY ACID DESATURASE AND USES THEREFOR | 011631/0381 |
| 6534302 | | 09/773426 | 22438, 23553, 25278, AND 26212, NOVEL HUMAN SULFATASES | 011939/0701 |
| 6767727 | | 10/314881 | 22438, 23553, 25278, AND 26212, NOVEL HUMAN SULFATASES | 011939/0701 |
| 6780627 | | 09/495823 | 22438, 23553, 25278, AND 26212, NOVEL HUMAN SULFATASES | 010891/0514 |

| | | | | |
|---------|-------------|-----------|---|-----------------------------|
| | 20040229314 | 10/825198 | 22438, 23553, 25278, AND 26212, NOVEL HUMAN SULFATASES | 011939/0701 |
| 7060476 | | 10/229662 | 27411, A NOVEL HUMAN PGP SYNTHASE | 017085/0161 |
| 6465230 | | 09/795691 | 27411, A NOVEL HUMAN PGP SYNTHASE | 011897/0228 |
| 6642039 | | 09/791165 | 25312, A NOVEL HUMAN AGMATINASE-LIKE HOMOLOG | 012091/0073 |
| 6413757 | | 09/514521 | 25312, A NOVEL HUMAN AGMATINASE-LIKE HOMOLOG | 011131/0367; 011161/0917 |
| 7037671 | | 10/460138 | 25312, A NOVEL HUMAN AGMATINASE-LIKE HOMOLOG | 012091/0073 |
| 6489152 | | 09/790838 | 32670, NOVEL HUMAN PHOSPHATIDYLSERINE SYNTHASE-LIKE MOLECULES AND USES THEREOF | 012017/0576 |
| 6458576 | | 09/789300 | 22406, A NOVEL HUMAN PYRIDOXAL-PHOSPHATE DEPENDENT ENZYME FAMILY MEMBER AND USES THEREFOR | 011931/0678 |
| 6479268 | | 09/790179 | 7970, A NOVEL ATPASE-LIKE MOLECULE AND USES THEREOF | 012022/0954 |
| 6500657 | | 09/584568 | 33167, A NOVEL HUMAN HYDROLASE AND USES THEREFOR | 011235/0674 |
| 6569667 | | 09/843297 | 26335, A NOVEL HUMAN SERINE/THREONINE DEHYDRATASE AND USES THEREOF | 011998/0553 |
| | 20040146939 | 10/685081 | 14189, A NOVEL HUMAN KINASE AND USES THEREOF | 011355/0865 |
| 6759221 | | 09/641690 | 14189, A NOVEL HUMAN KINASE AND USES THEREOF | 011355/0865 |
| | 20030166900 | 10/001227 | METHODS FOR SCREENING COMPOUNDS THAT BIND HUMAN COE-2 | 012805/0666 |
| 6897056 | | 09/927112 | 32544, A NOVEL HUMAN PHOSPHOLIPASE C AND USES THEREOF | 012467/0180; 012675/0025 |

| | | | | |
|---------|-------------|-----------|---|-----------------------------|
| | 20040259199 | 10/784089 | 32544, A NOVEL HUMAN PHOSPHOLIPASE C AND USES THEREOF | 012467/0180; 012675/0025 |
| | 20050233375 | 11/158218 | 13245, A NOVEL HUMAN MYOTONIC DYSTROPHY TYPE PROTEIN KINASE AND USES THEREFOR | 012667/0930 |
| 6946274 | | 10/017216 | 13245, A NOVEL HUMAN MYOTONIC DYSTROPHY TYPE PROTEIN KINASE AND USES THEREFOR | 012667/0930 |
| 6664091 | | 10/023515 | 53010, A NOVEL HUMAN CARBOXYLESTERASE FAMILY MEMBER AND USES THEREOF | 012743/0300 |
| | 20040086922 | 10/674636 | 53010, A NOVEL HUMAN CARBOXYLESTERASE FAMILY MEMBER AND USES THEREOF | 012743/0300 |
| 6929938 | 20030087382 | 10/217168 | 25501, A HUMAN TRANSFERASE FAMILY MEMBER AND USES THEREFOR | 013191/0048 |
| | 20050266470 | 11/139195 | 25501, A HUMAN TRANSFERASE FAMILY MEMBER AND USES THEREFOR | 013191/0048 |
| | 20030077638 | 10/245539 | MID 4460, A HUMAN TYROSINE PHOSPHATASE FAMILY MEMBER AND USES THEREFOR | 013307/0919 |
| | | 11/387011 | METHODS OF USING 48149, A HUMAN AMINOPEPTIDASE FAMILY MEMBER | 013692/0565 |
| | 20030109044 | 10/267811 | METHODS OF USING 279, A HUMAN G PROTEIN-COUPLED PROTEIN RECEPTOR | 013384/0745 |
| 7045505 | | 10/256537 | METHODS OF USING 69039, A NOVEL HUMAN NA/CA EXCHANGER FAMILY MEMBER | 013341/0344 |
| | 20030113775 | 10/281093 | 7118, A HUMAN ARGININE N-METHYLTRANSFERASE FAMILY MEMBER AND USES THEREFOR | 013694/0574 |

| | | | | |
|---------|-------------|-----------|--|-------------|
| 7037668 | | 10/283013 | METHODS FOR THE TREATMENT AND DIAGNOSIS OF TUMORIGENIC AND ANGIOGENIC DISORDERS USING 32616 | 013442/0535 |
| 6953778 | | 10/281867 | METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF HEMATOLOGICAL DISORDERS USING 2777 | 013435/0755 |
| | 20030119742 | 10/288222 | METHODS AND COMPOSITIONS TO TREAT CARDIOVASCULAR DISEASE USING 139, 258, 1261, 1486, 2398, 2414, 7660, 8587, 10183, 10550, 12680, 17921, 32248, 60489 OR 93804 | 013799/0463 |
| | 20060099656 | 11/242505 | METHODS AND COMPOSITIONS FOR TREATING HEMATOLOGICAL DISORDERS USING 232, 2059, 10630, 12848, 13875, 14395, 14618, 7692, 58874, 252, 304, 1980, 14717, 9941, 19310 OR 17832 | 017482/0230 |
| | 20030104455 | 10/290058 | METHODS AND COMPOSITIONS FOR TREATING UROLOGICAL DISORDERS USING 313, 333, 5464, 18817 OR 33524 | 013711/0445 |
| | 20050142604 | 11/064551 | METHODS AND COMPOSITIONS TO TREAT CARDIOVASCULAR DISEASE USING 1419, 58765, AND 2210 | 014002/0409 |
| 7049091 | | 10/831011 | 14815, A HUMAN KINASE FAMILY MEMBER AND USES THEREFOR | 013874/0563 |
| 6759222 | | 10/335711 | 14815, A HUMAN KINASE FAMILY MEMBER AND USES THEREFOR | 013874/0563 |

| | | | | |
|--|-------------|-----------|--|-------------|
| | 20030215840 | 10/353690 | Methods and compositions for treating cardiovascular disease using 1682, 6169, 6193, 7771, 14395, 29002, 33216, 43726, 69292, 26156, 32427, 2402, 7747, 1720, 9151, 60491, 1371, 7077, 33207, 1419, 18036, 16105, 38650, 14245, 58848, 1870, 25856, 32394, 3484, 345, 9252, 9135, 10532, 18610, 8165, 2448, 2445, 64624, 84237, 8912, 2868, 283, 2554, 9464, 17799, 26686, 43848, 32135, 12208, 2914, 51130, 19489, 21833, 2917, 59590, 15992, 2094, 2252, 3474, 9792, 15400, 1452 or 6585 molecules | 014115/0735 |
| | 20030215452 | 10/352684 | METHODS AND COMPOSITIONS FOR TREATING HEMATOLOGICAL DISORDERS USING 131 148, 199, 12303, 13906, 15513, 17822, 302, 5677, 194, 14393, 28059, 7366, 12212, 1981, 261, 12416, 270, 1410, 137, 1871, 13051, 1847, 1849, 15402, 340, 10217, 837, 1761, 8990 OR 13249 molecules | 014138/0504 |
| | 20060100152 | 11/312958 | Methods and compositions in treating pain and painful disorders using 9949, 14230, 760, 62553, 12216, 17719, 41897, 47174, 33408, 10002, 16209, 314, 636, 27410, 33260, 619, 15985, 69112, 2158, 224, 615, 44373, 95431, 22245, 2387, 16658, 55054, 16314, 1613, 1675, 9569 or 13424 molecules | 014198/0838 |


| | | | | |
|--|-------------|-----------|---|-------------|
| | 20050037946 | 10/753267 | Methods and compositions for treating cardiovascular disease using 1722, 10280, 59917, 85553, 10653, 9235, 21668, 17794, 2210, 6169, 10102, 21061, 17662, 1468, 12282, 6350, 9035, 1820, 23652, 7301, 8925, 8701, 3533, 9462, 9123, 12788, 17729, 65552, 1261, 21476, 33770, 9380, 2569654, 33556, 53656, 44143, 32612, 10671, 261, 44570, 41922, 2552, 2417, 19319, 43969, 8921, 8993, 955, 32345, 966, 1920, 17318, 1510, 14180, 26005, 554, 16408, 42028, 112091, 13886, 13942, 1673, 54946 or 2419 | 015326/0478 |
| | 20040197825 | 10/757262 | Methods and compositions for treating urological disorders using 44390, 54181, 211, 5687, 884, 1405, 636, 4421, 5410, 30905, 2045, 16405, 18560, 2047, 33751, 52872, 14063, 20739, 32544, 43239, 44373, 51164, 53010, 16852, 1587, 2207, 22245, 2387, 52908, 69112, 14990, 18547, 115, 579, 15985, 15625, 760, 18603, 2395, 2554, 8675, 32720, 4809, 14303, 16816, 17827, 32620, 577, 619, 1423, 2158, 8263, 15402, 16209, 16386, 21165, 30911, 41897, 1643, 2543, 9626, 13231, 32409, 84260, 2882, 8203, 32678, or 55053 | 015454/0196 |

| | | | | |
|--|-------------|-----------|--|-------------|
| | 20040204359 | 10/768158 | METHODS AND COMPOSITIONS IN TREATING PAIN AND PAINFUL DISORDERS USING 16386, 15402, 21165, 1423, 636, 12303, 21425, 27410, 38554, 38555, 55063, 57145, 59914, 94921, 16852, 33260, 58573, 30911, 85913, 14303, 16816, 17827 OR 32620 | 015466/0673 |
| | 20050042687 | 10/772636 | Methods and compositions for treating hematological disorders using 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 | 015960/0402 |
| | 20060078947 | 11/288493 | Methods and compositions for treating hematological disorders using 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 | 015960/0402 |
| | | 11/442747 | METHODS OF USING 18903 TO TREAT PAIN AND PAIN-RELATED DISORDERS | 012805/0666 |

The undersigned is empowered to sign on behalf of the assignee.

MILLENNIUM PHARMACEUTICALS, INC.

Date: June 29, 2006

By: 
NAME – Scott A. Brown
TITLE VP, Deputy General Counsel